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Students

**IDENTIFIERS** \*San Diego Community College District CA

#### ABSTRACT

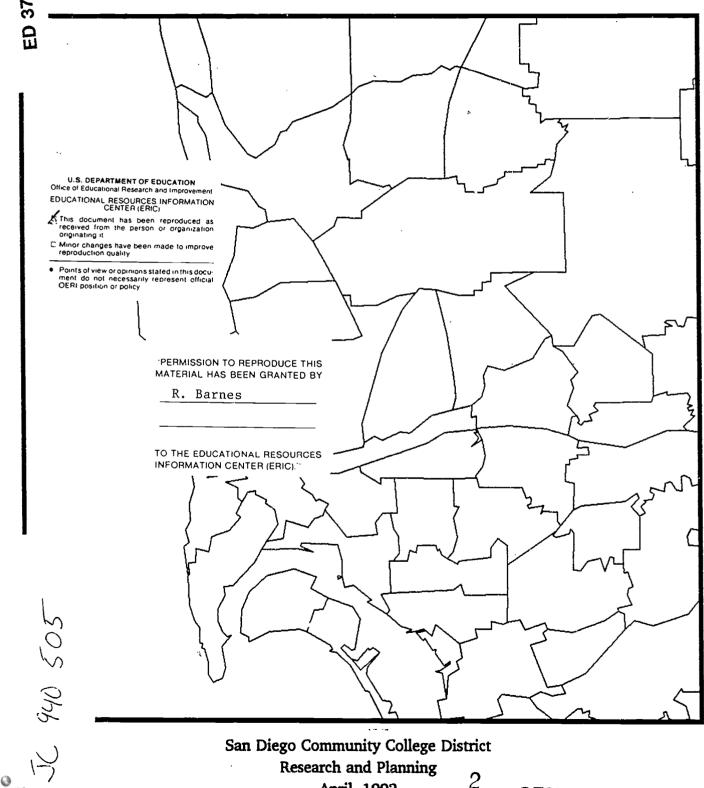
An analysis of population by zipcode was conducted to compare regional demographic characteristics with college credit enrollment for the three colleges in the San Diego Community College District, and to determine college participation rates for the adult population in the district. Enrollment data for the fall 1991 semester were compared with population data from the 1990 census. Study findings included the following: (1) the total student population at San Diego City College (SDCC), regardless of place of residence, is 40.9% White, 20.7% African American, 19.9% Latino, 5.4% Asian, 4.3% Filipino, 2.2% Southeast Asian, and 0.3% Pacific Islander; (2) the adult population of the SDCC service area is 14.3%African American, 22.6% Latino, and 9.6% Asian, Pacific Islander, or Filipino; (3) enrollment from the service area of 24.9% African American, 19.6% Latino and 8.7% Asian, Pacific Islander, or Filipino; (4) participation rates from the SDCC service area are 4.42% for African Americans, 2.2% for Latinos, and 3.35% for Asians, Pacific Islanders, or Filipinos; (5) enrollments at Mesa College and Miramar are 64.3% and 63.6% White, respectively; and (6) less than 35% of students at Miramar College live within the service area. Includes tables and maps showing adult population by race and zipcode; enrollment figures by race for each college in the SDCCD; and information on service area demographics, enrollment by race, and participation rate by race for each college in the district. (KP)

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# Credit Enrollment and the Adult Population

A Comparison of Fall 1991 Credit Enrollment and 1990 Census Data



San Diego Community College District Research and Planning April, 1992

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Adult Population by ZIP Code
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#### INTRODUCTION

An analysis of population by ZIP code permits comparison of regional demographic characteristics with college credit enrollment for the three colleges in the San Diego Community College District. The use of ZIP codes facilitates merging student address records with demographic and enrollment files from the mainframe to allow boundary matching in a mapping 30ftware package. The analyses chosen for this report include racial/ethnic categorization for the adult population and for enrollment, which permits the derivation of participation rates by ZIP code. Participation rates measure the percent of the adult population enrolled in a district credit program.

#### LIMITATIONS

Enrollment data are from the Fall, 1991 semester. Population data are from the 1990 census, which uses the census tract as the primary boundary for data summary. Census tracts tend to be much smaller than ZIP code boundaries, and the boundaries of each are not always contiguous. The ZIP code population for this report has been derived using the mapping software to construct ZIP code boundaries from groups of census tracts. While it is difficult if not impossible to estimate the accuracy of this method, most ZIP code boundaries constructed in this way very nearly matched the actual ZIP code boundaries. Although there may have been changes in the population from the April 1, 1990 census count and Fall 1991, these changes should not significantly affect participation rates. Additionally, census data is limited to the adult population, whereas attendance figures include students under age 18. Districtwid this amounted to 6.8% of all credit students in Fall, 1991.

The United States Census Bureau collects race and ethnic data in six categories: White, Black, Asian, American Indian, Other, and Persons of Hispanic Origin. For this reason, the detailed categories collected on the college application have been recategorized to match the census data. Of particular concern is the treatment of the Filipino population, which has been added to the Asian category for comparison to census data and in the enrollment table but is shown separately on the enrollment maps. Unless otherwise specified, the Asian or Asian/Pacific Islander categories include the Filipino population.

Results have also been summarized by campus "service area." Although California residents are free to attend any community college without regard to residency within the district boundaries, the division of the district into these areas helps to assess the



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level of service being provided to the local community and may assist in gauging the effectiveness of campus promotional efforts. For the purpose of this report, service areas have been determined by past (pre-1981) boundaries, by proximity to the campus, and by including those ZIP codes that each campus typically selected for class schedule bulk mailing.

# **FUTURE APPLICATIONS**

Census data available to date include only race/ethnicity, housing units, and adult population. More detailed information will be released in 1992 and 1993, and will include income and employment information, as well as more detailed demographic data, which can be incorporated into future reports.

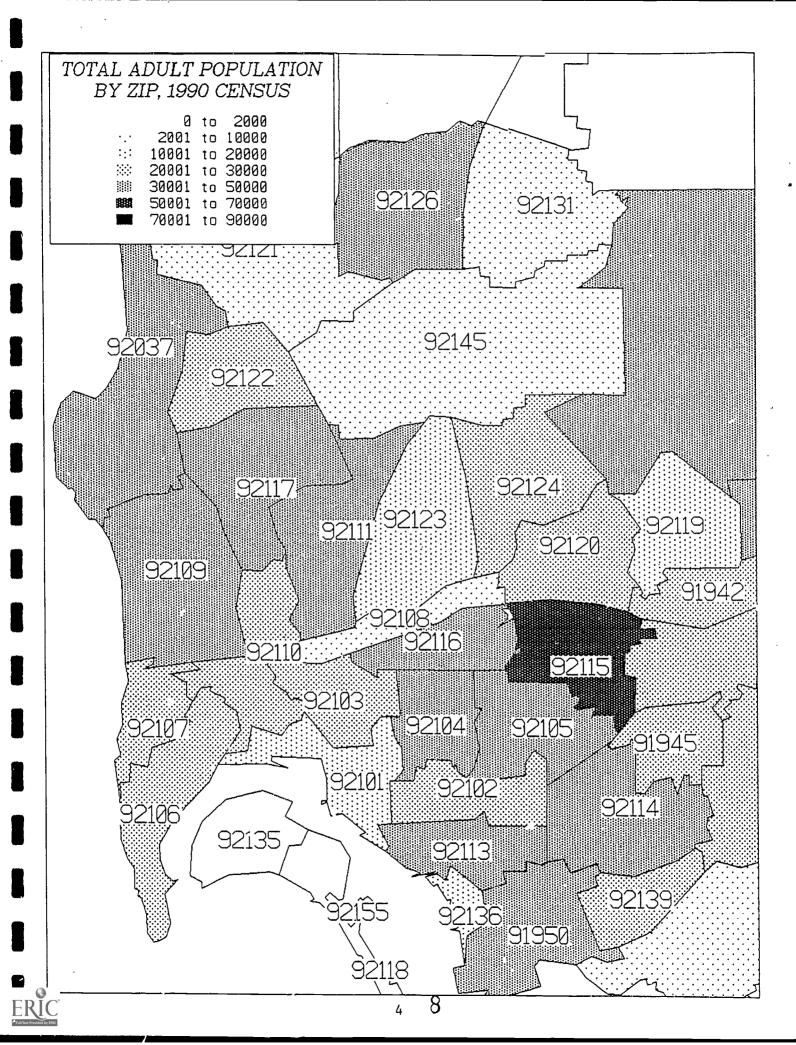


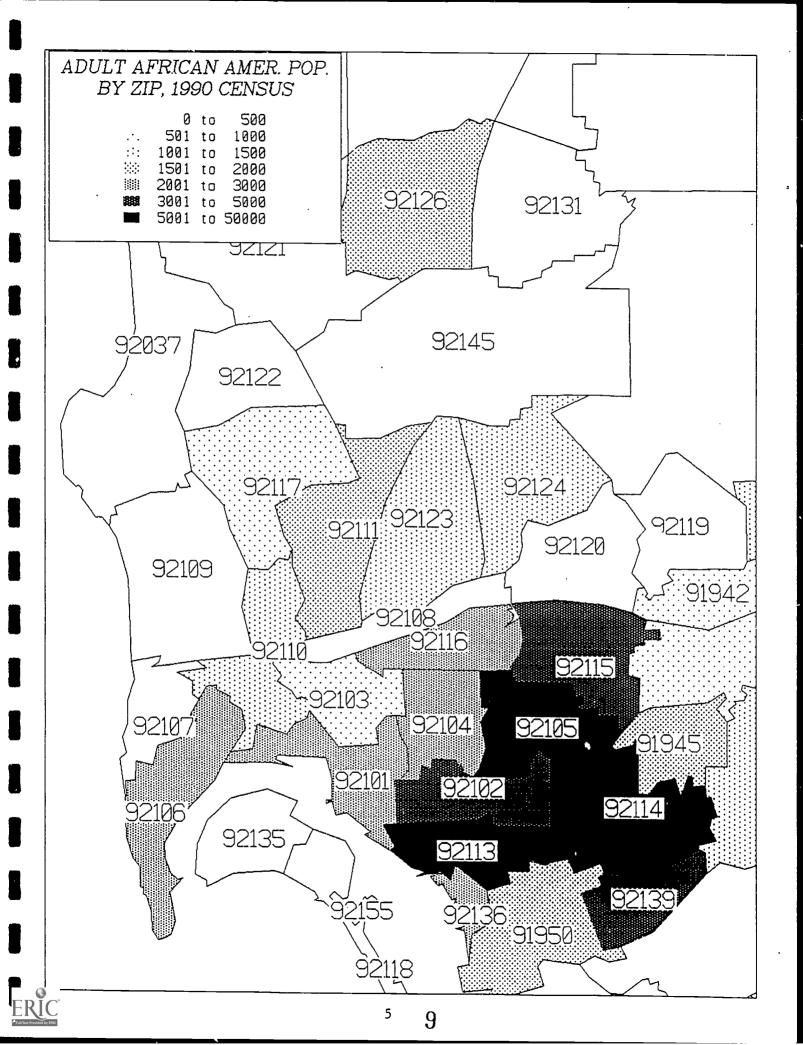
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WHI POPULATI	4242	23166	19217	13466	8340	14437	36301	28763	35983	10738	6043	21708	21199	15172	17419	22271	5115	37028	18818	23644	2289	7520	34015	22696	33113	15174	20004	2948	19526	13972	15585	26008	28775	8316	8928	9317	03	
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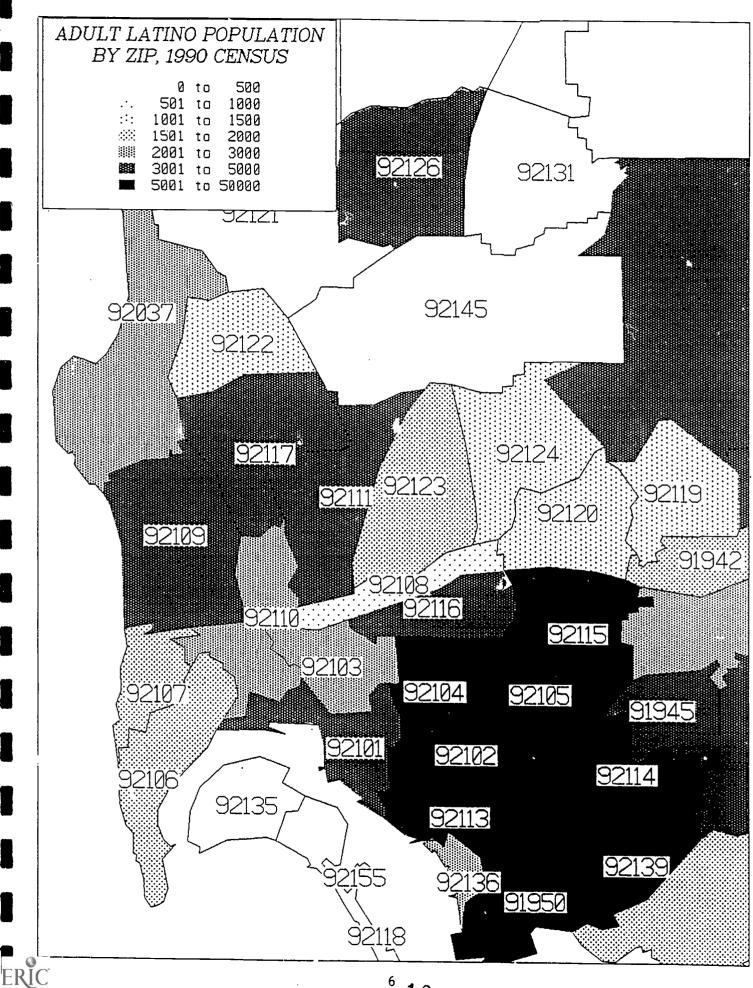
Table 1: Adult Population by ZIP Code, 1990 Census

Consistetift with Federal Census terminology, the Asian/Pacific Islander classification includes persons who identified themselves as being from one of the following racial categories: Chinese, Filipino, Hawaiian, Korean, Vietnamese, Japanese, Asian Indian, Samoan, Guamanian, or Other Asian/Pacific Islander.

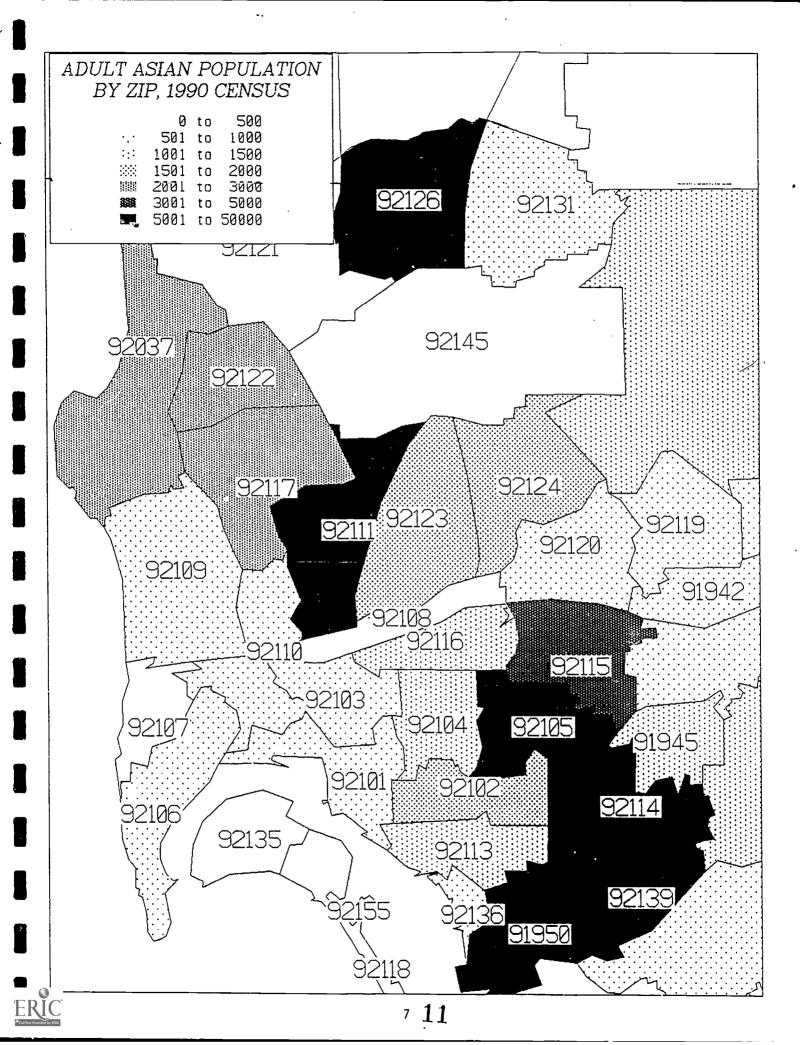
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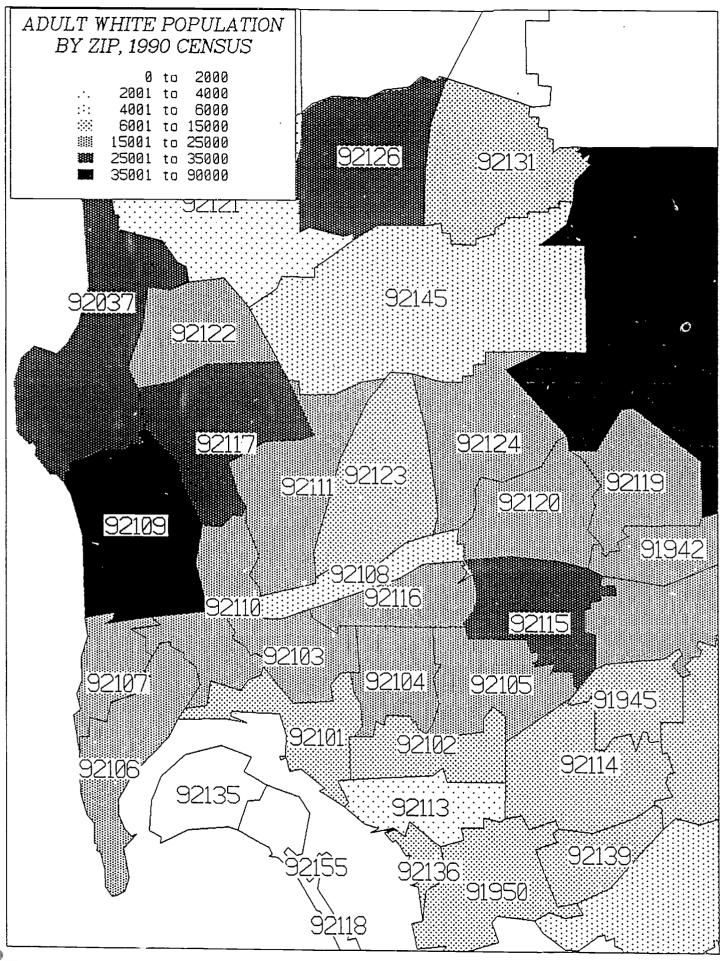






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## **CITY COLLEGE**

The San Diego City College service area is defined as the portion of the District south of Interstate 8 (map, page 10), however, the college serves several thousand students from other parts of the District and from the south and east county. Total campus enrollment by race/ethnicity is as follows:

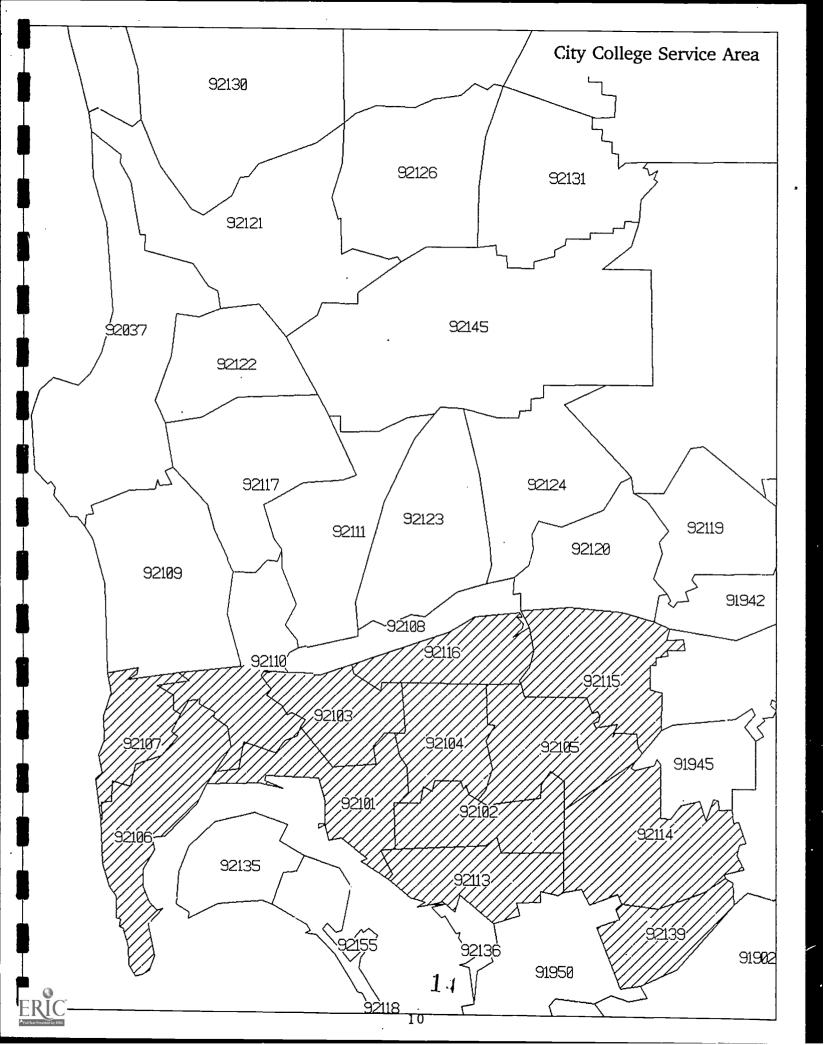
CITY COLLEGE	Enrollment	Percent of Total
American Indian	175	1.2%
Asian	812	5.4%
Southeast Asian	336	2.2%
African American	3089	20.7%
White	6118	40.9%
Latino	2974	19.9%
Filipino	647	4.3%
Pacific Islander	44	0.3%
Other	322	2.2%
No Response	428	2.9%

Enrollment from within the college service area is as follows:

CITY COLLEGE	African American	Latino	Asian/PI/ Filipino	Total
Adult Population of Service Area	53,643 14.3%	84,767 22.6%	35,858 9.6%	375,064
Enrollment From Service Area	2,371 24.9%	1,869 19.6%	829 8.7%	9,523
Participation Rate From Service Area	4.42%	2.2%	3.35%	2.54%

79% of City College students live within the SDCCD boundaries.





ZIP CODE	TOTAL AFRICAN ENRÓLLED AMERICAN		LATINO	ASIAN	FILIPINO
91901	9	<u> </u>		======================================	=======================================
91902	37 <sup>-</sup>	6	6	3	3
91910	210	18	84	. 6	12
91911	230	38	98	6	19
91912	17	3	10	i	13
91913	21	3	6		2
91932	113	13	21	2	5
91935	11	1	1	_	J
91941	163	16	26	12	1
91942	101	10	11	7	1
91944	4	2			
91945	154	49	24	10	1
91950	278	44	128	· 9	46
91977	220	65	33	1	13
91978	29	10	4	1	1
92009	10		2		1
92014	12	_	1		
92019	55	8	5	. 2	3
92020 92021	133	17	20	4	3
92021	99 19	8	10	8	2
92025	15	1	3		1.
92027	11	2	2		
92029	9		2		_
92037	98	2	1 13	2	2
92040	64	1	14	10	1
92064	46	1	4	2	
92065	19	1	2		
92067	3	-	4		
92069	17	1	2	3	
92071	87	8	6	4	4
92101	538	74	105	21	11
92102	997	292	324	68	14
92103	730	43	95	29	11
92104	1210	217	193	90	24
92105	1233	370	231	307	11
92106	168	17	13	9	2
92107	508	20	51	14	4
92108	108	11	15	9	
92109	396	12	42	34	3
92110	222	26	41	16	5
92111	238	29	31	53	6
92112	122	35	19	9	3
92113	708	285	367	15	5
92114 92115	1109	581	157	68	159
92115	916 957	189	115	117	8
92117	857 248	154	118	60	18
92118	248 227	11 7	44	15	1
92119	104	7	18	9	4
92120	173	23	12 20	11	1
92121	6	1	20 1	14	2
	•	<b>.</b>	7		•

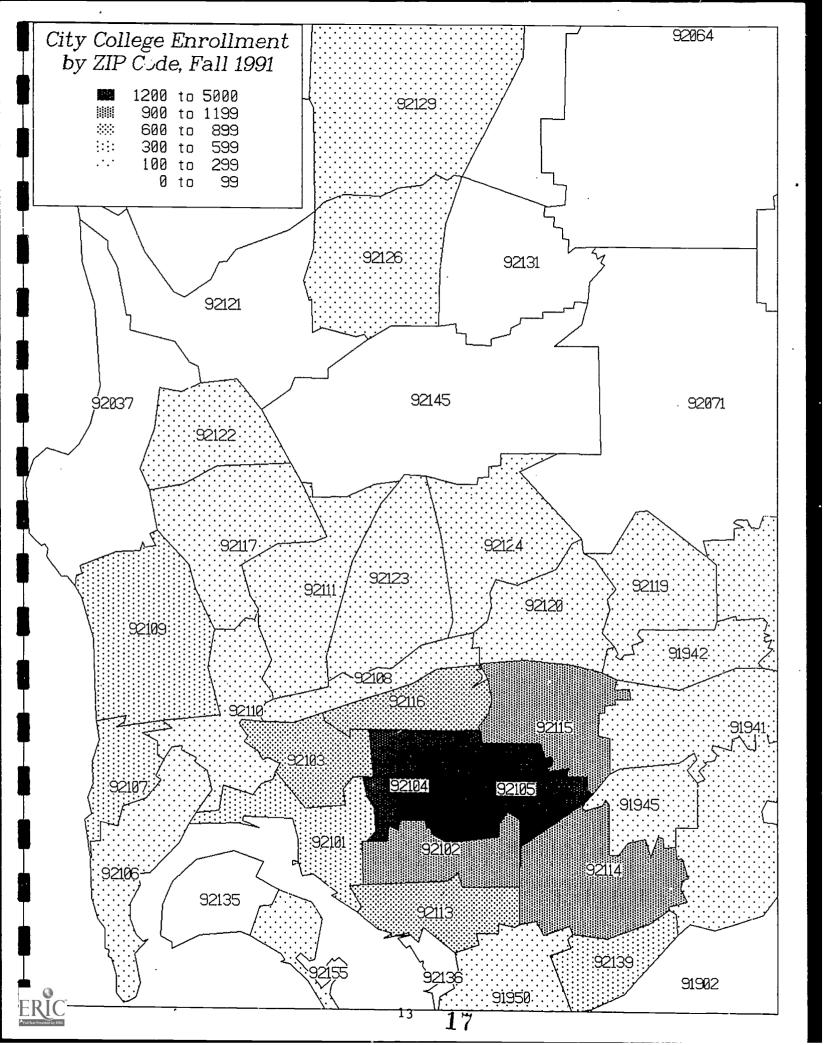
Table 2: City College Enrollment by ZIP Code, Fall 1991

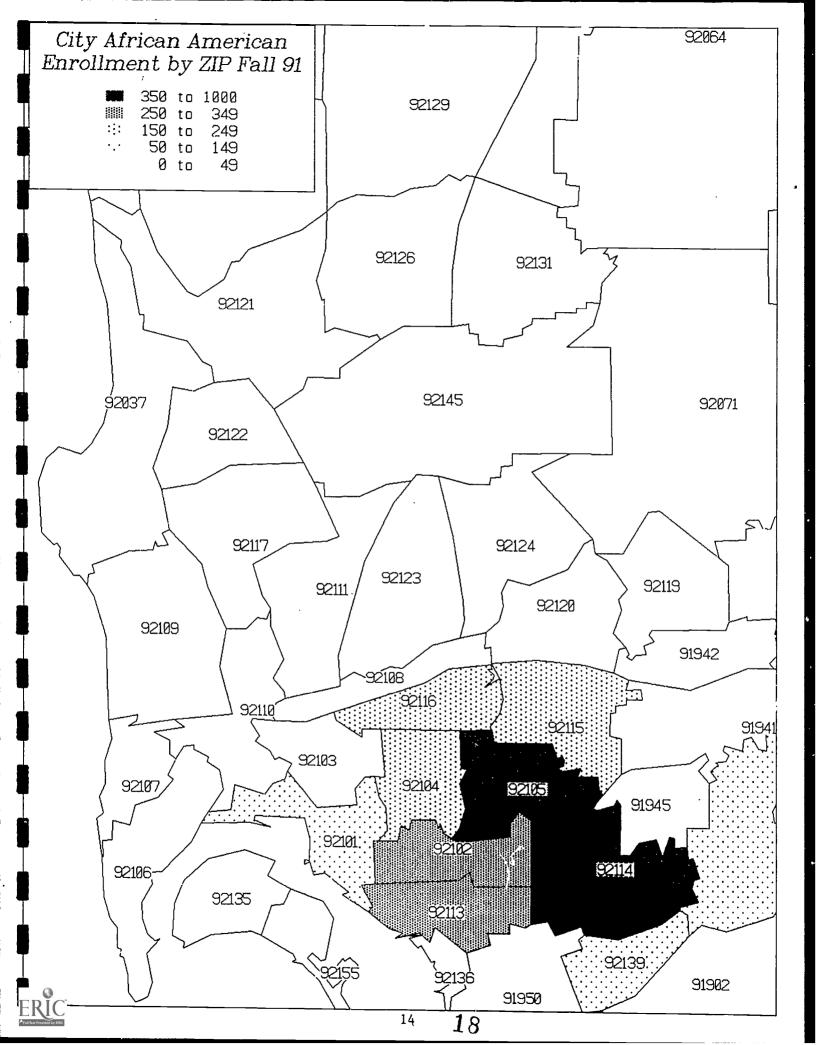


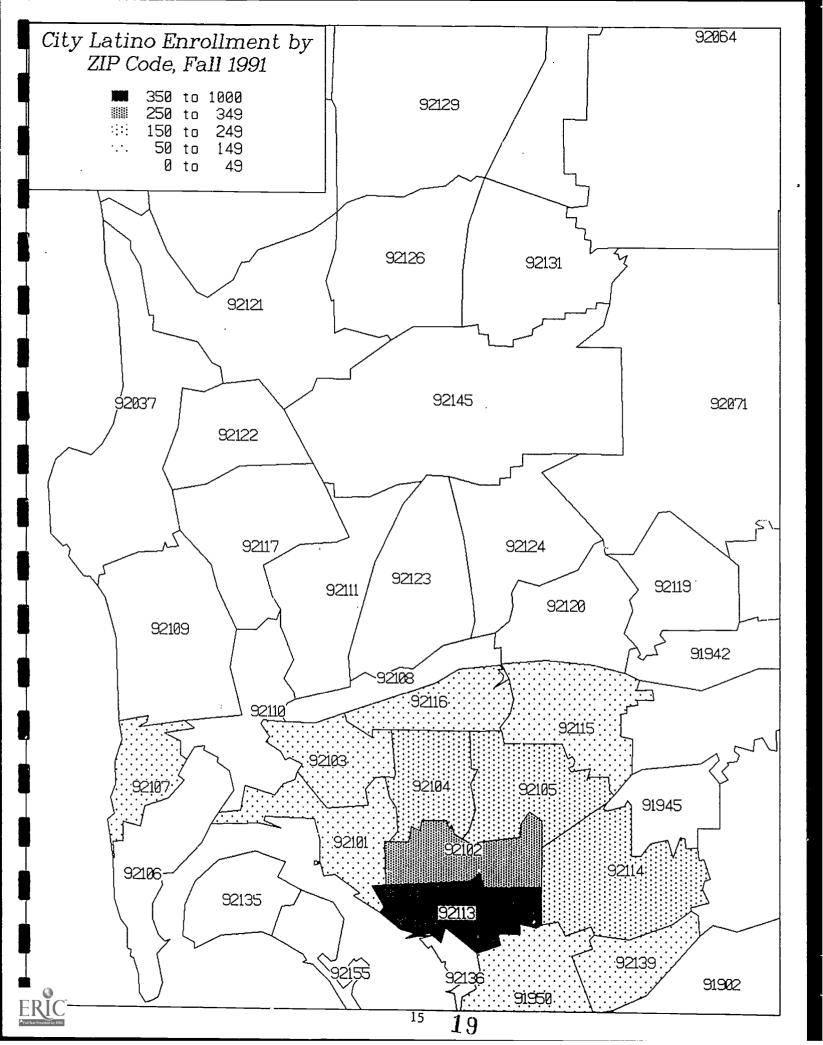
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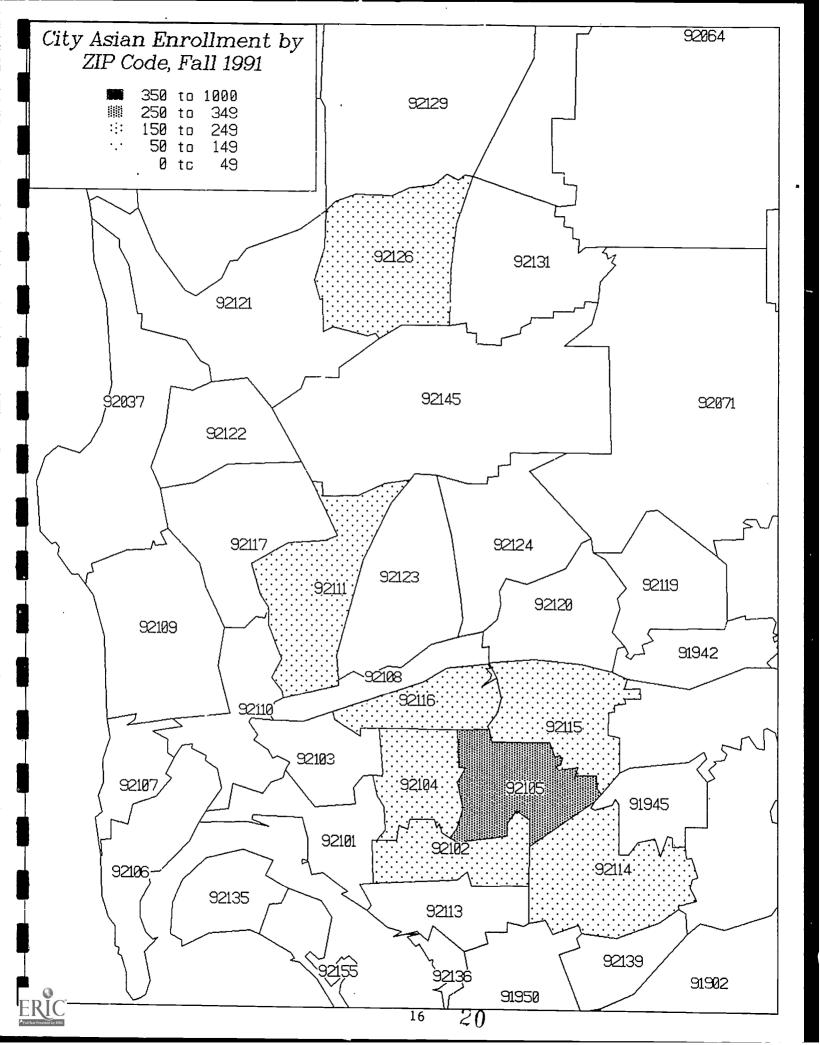
ZIP CODE	TOTAL ENROLLED	AFRICAN AMERICAN	LATINO	ASIAN	FILIPINO
					=======
92122	105	1	6	21	3
92123	145	24	14	17	10
92124	154	23	18	14	10.
92126	258	18	20	63	50
92127	28		1	1	2
92128	49	4	5	6	4
92129	104	10	6	15	20
92130	18		3	3	1
92131	38	2	1	5	3
92138	79	15	13	4	1
92139	327	103	59	15	65
92145	2	1	1		
921,54	285	26	109	15	57

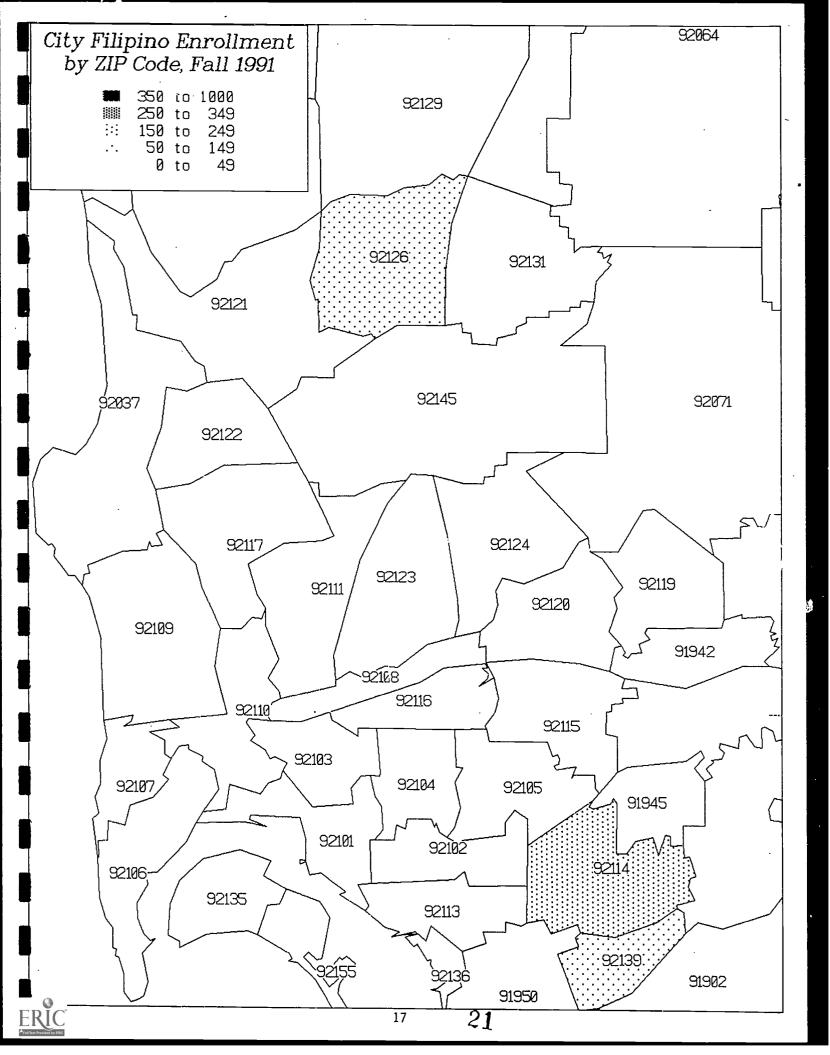










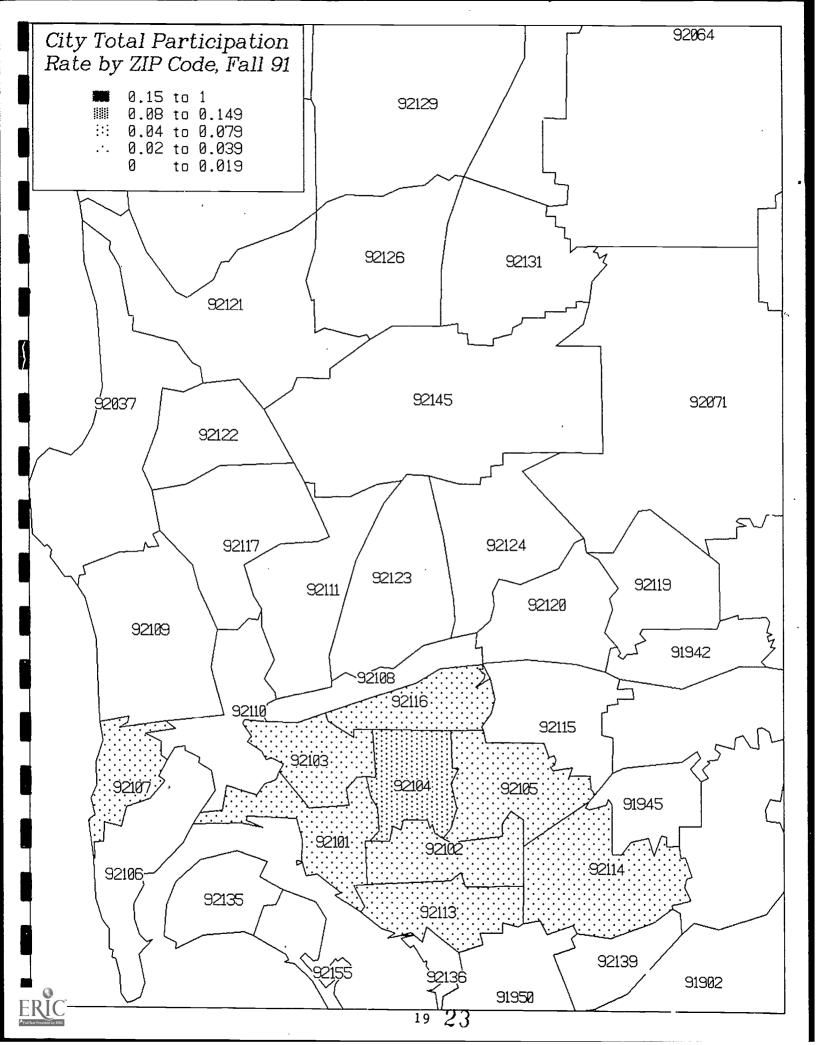


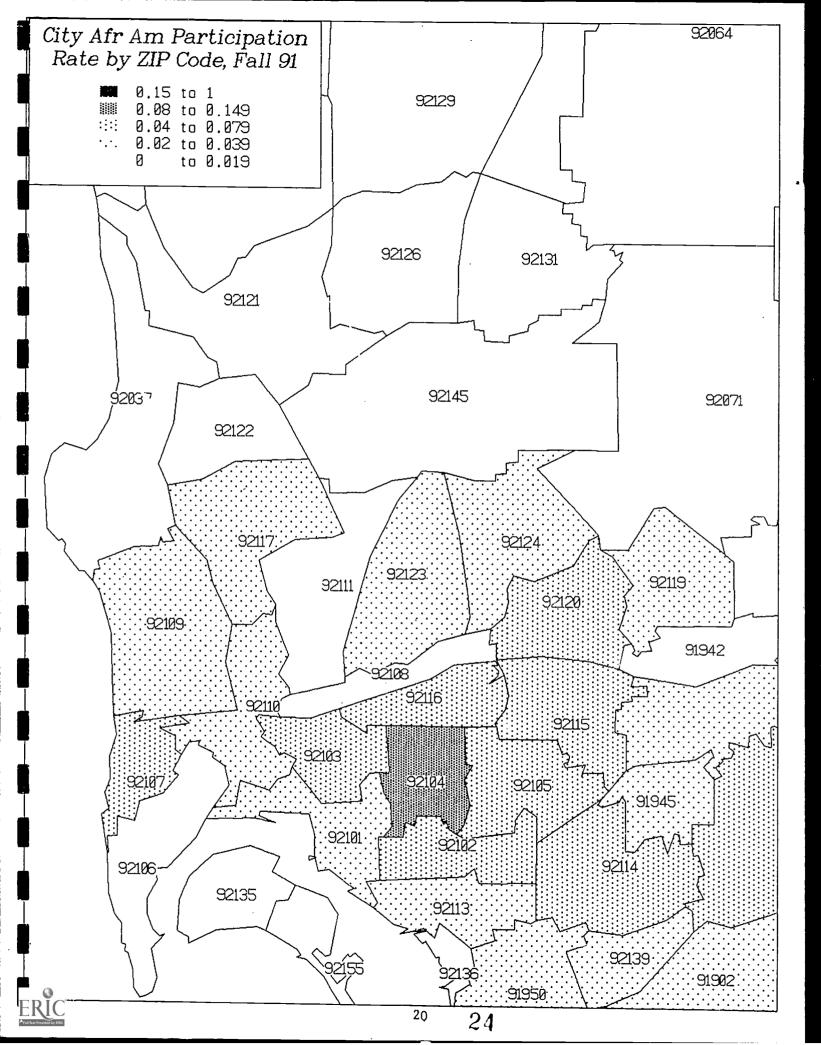
ZIP CODE	AFRICAN AMERICAN	LATINO	ASIAN/ PACIFIC ISL.	TOTAL PARTICIPATION
91902	2.94%	0.39%	1.07%	0.57%
91941	2.32%	1.03%	1.88%	0.60%
91942	1.86%	0.69%	1.22%	0.46%
91945	2.54%	0.67%	0.96%	0.77%
91950	2.29%	0,83%	0.90%	0.87%
91977	4.43%	1.05%	1.11%	1.08%
92020	1.61%	0.42%	0.71%	0.31%
92037	0.58%	0.58%	0.49%	0.29%
92071	1.88%	0.14%	0.72%	0.21%
92101	3.33%	2.34%	5.41%	2.98%
92102	6.23%	2.24%	5.42%	3.74%
92103	7.29%	3.64%	6.75%	2.86%
92104	9.63%	3.77%	7.89%	4.03%
92105	4.55%	2.08%	5.57%	3.07%
92106	0.74%	0.71%	1.84%	0.76%
92107	6.58%	3.07%	4.34%	2.06%
92109	3.00%	1.16%	4.75%	0.95%
92110	2.51%	1,59%	2.42%	0.95%
92111	1.80%	0.64%	1.15%	0.68%
92113	3.22%	2.08%	1.60%	2.35%
92114	4.45%	1.82%	2.21%	2.81%
92115	4.04%	1.67%	2.79%	1.83%
92116	6.36%	2.64%	5.47%	2.76%
92117	2.07%	1.05%	0.63%	0.61%
92119	2.22%	1.12%	1.94%	0.61%
92120	4.90%	1.54%	1.99%	0.77%
92122	0.28%	0.43%	1.09%	0.45%
92123	2.38%	0.89%	1.63%	0.80%
92124	2.05%	1.25%	1.28%	0.77%
92126	1.05%	0.57%	1.02%	0.61%
92131	1.25%	0.21%	1.10%	0.39%
92136	0,44%	0.23%	0.68%	0.30%
92139	2.84%	1.07%	1.12%	1.28%

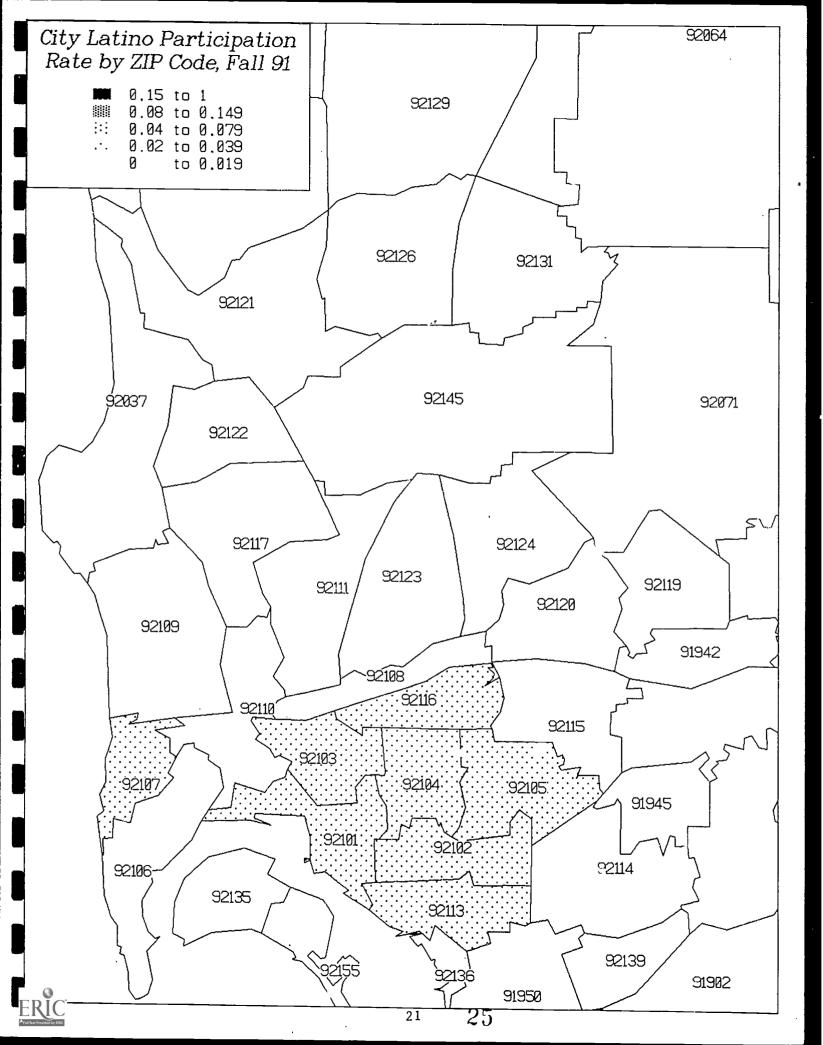
Consistent with Federal Census terminology, the Asian/Pacific Islander classification includes persons who identified themselves as being from one of the following racial categories: Chinese, Filipino, Hawaiian, Korean, Vietnamese, Japanese, Asian Indian, Samoan, Guamanian, or Other Asian/Pacific Islander.

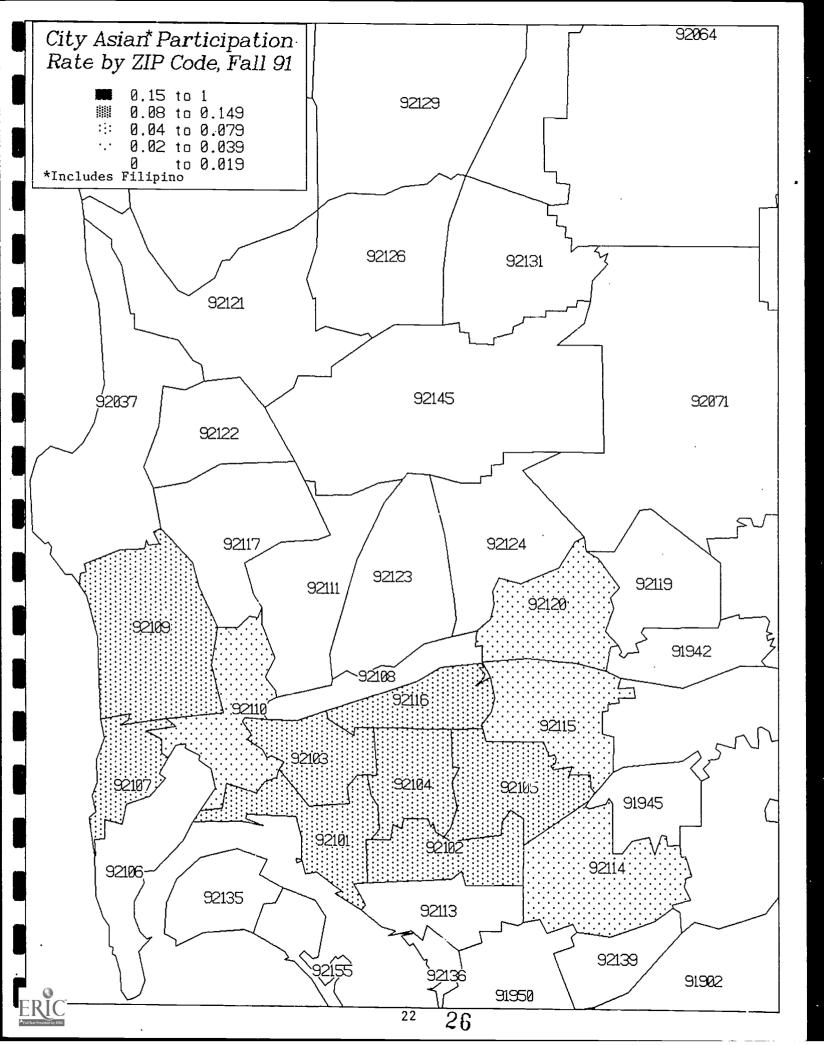
Table 3: City College Participation Rates by ZIP Code, Fall 1991











### **MESA COLLEGE**

The Mesa College service area is approximately the area north of Interstate 8 and south of Highway 52, extending to the eastern boundary of the District and to the northern boundary for the area west of Interstate 5 (map, page 24). This "service area" is misleading, however, since only 40% of the students enrolled at the college actually live in the ZIP codes within this defined area. Total college enrollment by race/ethnicity is shown in the following table:

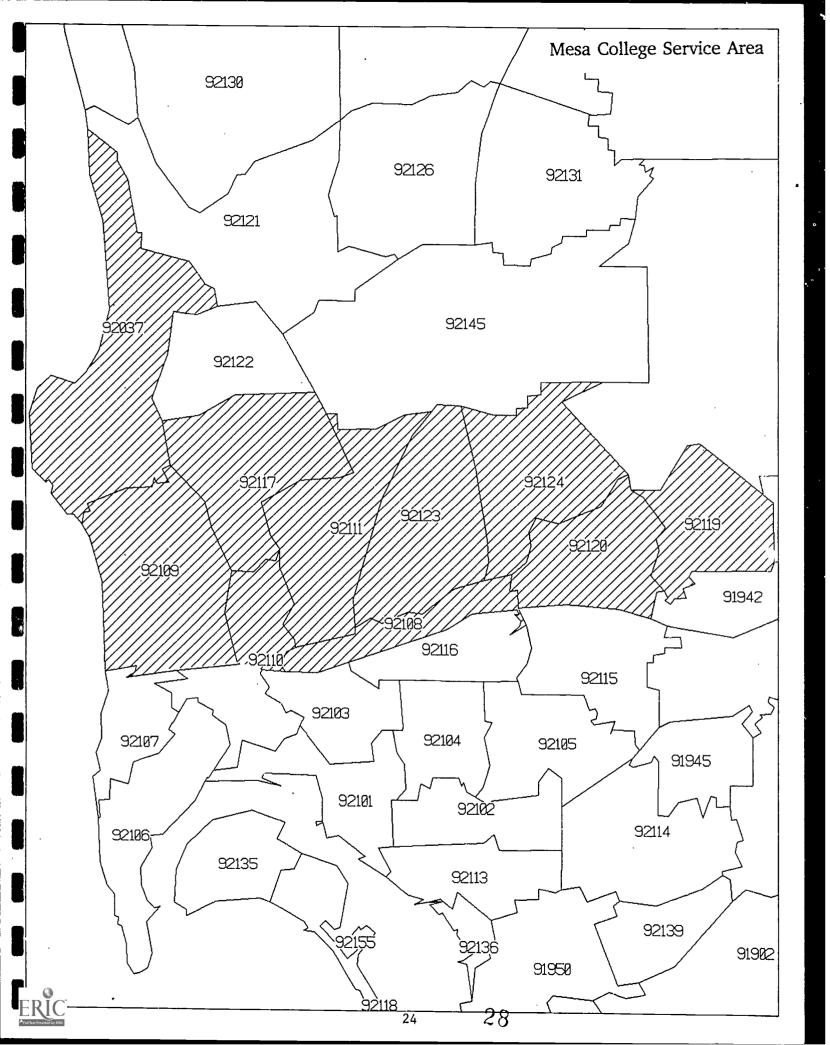
MESA COLLEGE	Enrollment	Percent of Total
American Indian	319	1.1%
Asian	2110	7.6%
Southeast Asian	624	2.2%
African American	1363	4.9%
White	17882	64.3%
Latino	2959	10.6%
Filipino	1108	4.0%
Pacific Islander	111	. 0.4%
Other	556	2.0%
No Response	799	2.9%

Enrollment from within the college service area is as follows:

MESA COLLEGE	African American	Latino	Asian/PI/ Filipino	Total
Adult Population of Service Area	6,565 2.7%	22,080 9.0%	16,375 6.6%	246,827
Enrollment From Service Area	342 3.1%	1,080 9.7%	1,330 11.9%	11,149
Participation Rate From Service Area	5.21%	4.89%	8.12%	4.52%

72% of Mesa College students live within the SDCCD boundaries.





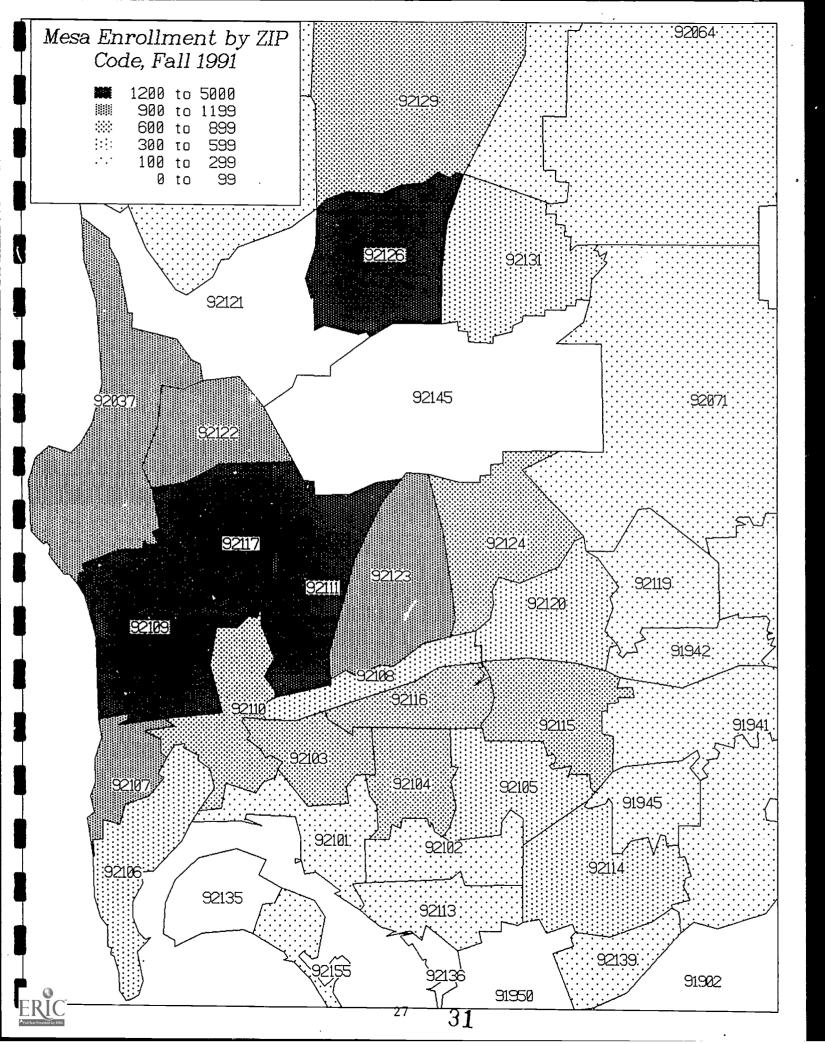
ZIP CODE	TOTAL AFRICAN E ENROLLED AMERICAN		LATINO	ASIAN	FILIPINO		
91901	16		3				
91902	55	2	18	1	6		
91910	144	6	50	4	7		
91911	133	8	48	10	11		
91912	7	1	2	1	2		
91913	28	2	7	ī	_		
91932	49	2	9	_	2		
91935	16	1	2		_		
91941	223	14	23	16	1		
91942	156	7	7	9	_		
91944	5	1					
91945	110	14	21	10	3		
91950	90	4	43	5	17		
91977	161	21	17	8	10		
91978	18	2	3	3	2		
92009	36	1	3	3	1		
92014	136		4	6			
92019	77	1	8	6	2		
92020	143	9	20	9	1		
92021	118	3	15	4			
92025	75		6	6	8		
92026	40	1	3	6	3		
92027	55	2	6	4			
92029	22		1	3			
92037	917	7	73	- 62	7		
92040	71		6	1	1		
92064	297	12	27	22	16		
92065	74		4	1	3		
92067	33	1	1				
92069	28	1	5		1		
92071	160	1	14	5	5		
92101	131	8	13	5			
92102	231	65	56	14	4		
92103	691	13	76	19	17		
92104	625	46	86	35	11 <sup>-</sup>		
92105	573	69	87	203	11		
92106	322	4	13	7	2		
92107	954	13	69	28	6		
92108	434	18	38	22	5		
92109	2348	29	181	69	2C		
92110	693	9	86	26	20		
92111	2141	117	253	417	67		
92112	33	8	5	3	1		
92113	121	46	56	8	2		
92114	447	159	44	61	114		
92115	885	57	94	104	13		
92116	705	43	75	41	8		

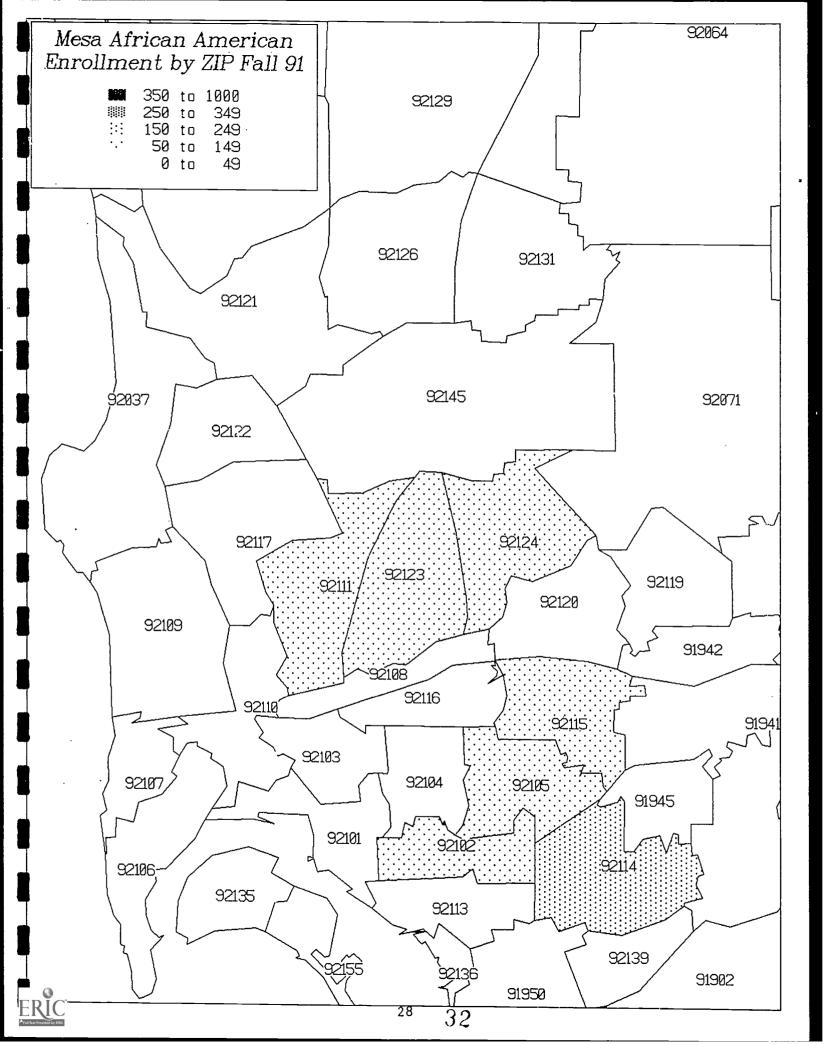
Table 4: Mesa College Enrollment by ZIP Code, Fall 1991

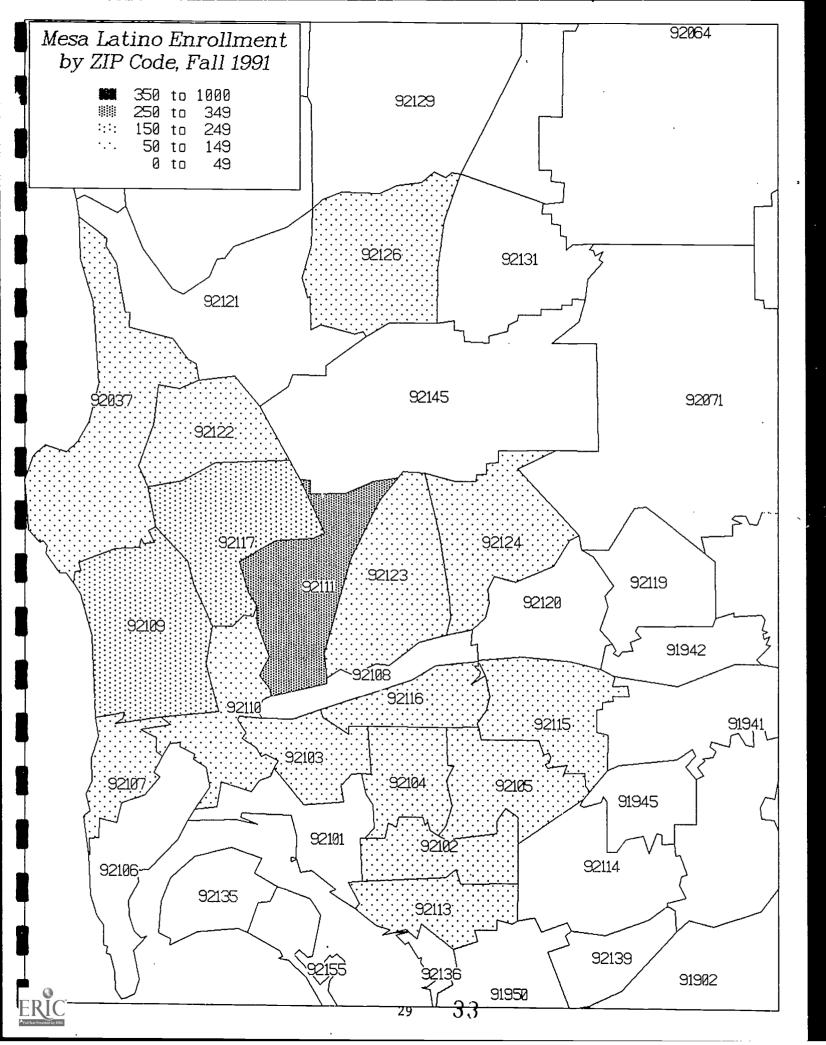


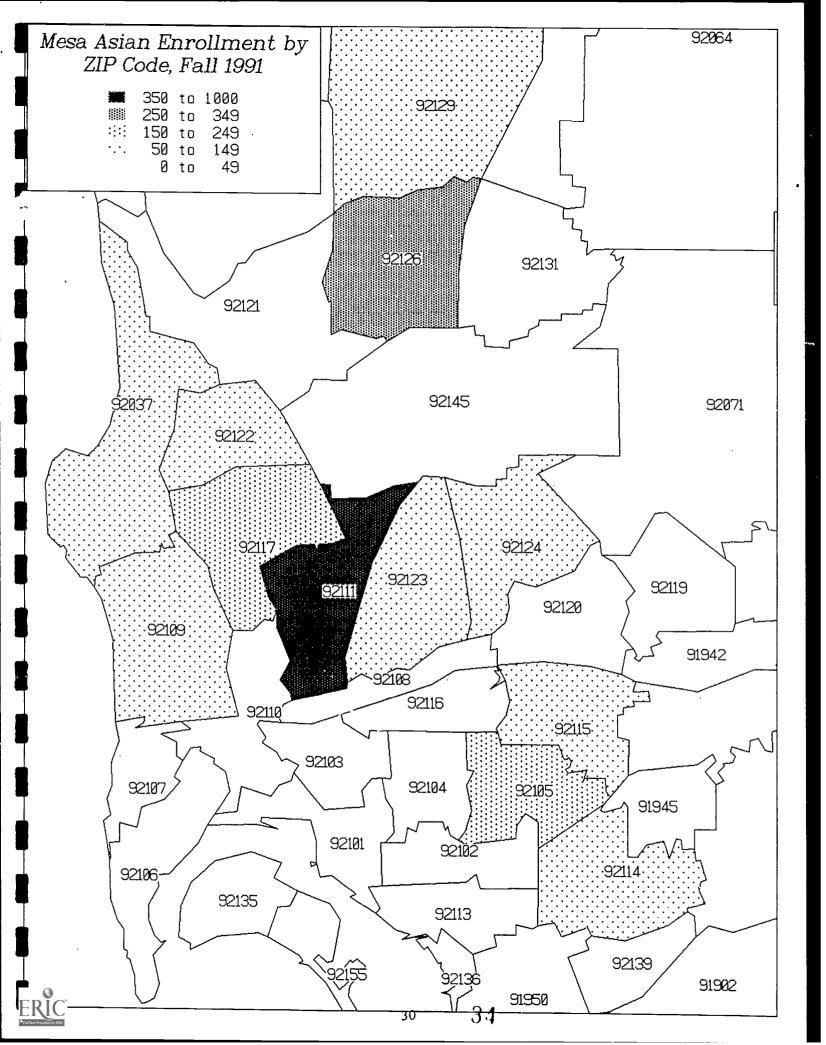
ZIP CODE	TOTAL ENROLLED	AFRICAN AMERICAN	LATINO	ASIAN	FILIPINO	
======	=========	=======================================	-=======	=======	========	
92117	. 2175	45	219	225	46	
92118	163	2	18	4	1	
92119	196	7	15	19	6	
92120	438	6	36	24	14	
92121	68		5	5	1	
92122	1177	19	73	129	20	
92123	963	52	112	115	45	
92124	844	52	67	80	41	
92126	1376	45	106	346	176	
92127	110	6	2	19	10	
92128	224	7	17	28	17	
92129	663	24	34	117	116	
92130	167	1	8	21	2	
92131	318	8	15	20	9	
92138	59	3	6		2	
92139	209	28	39	20	64	
92145	8	2	1		1	
92154	142	3	47	10	31	

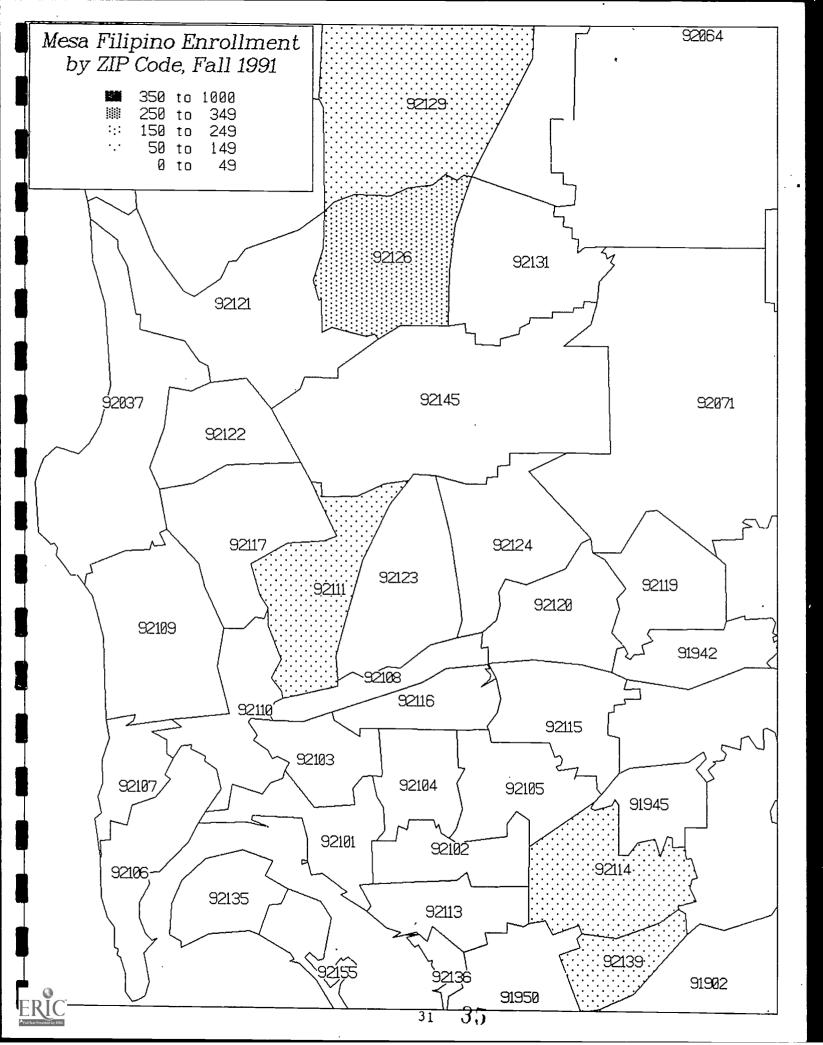










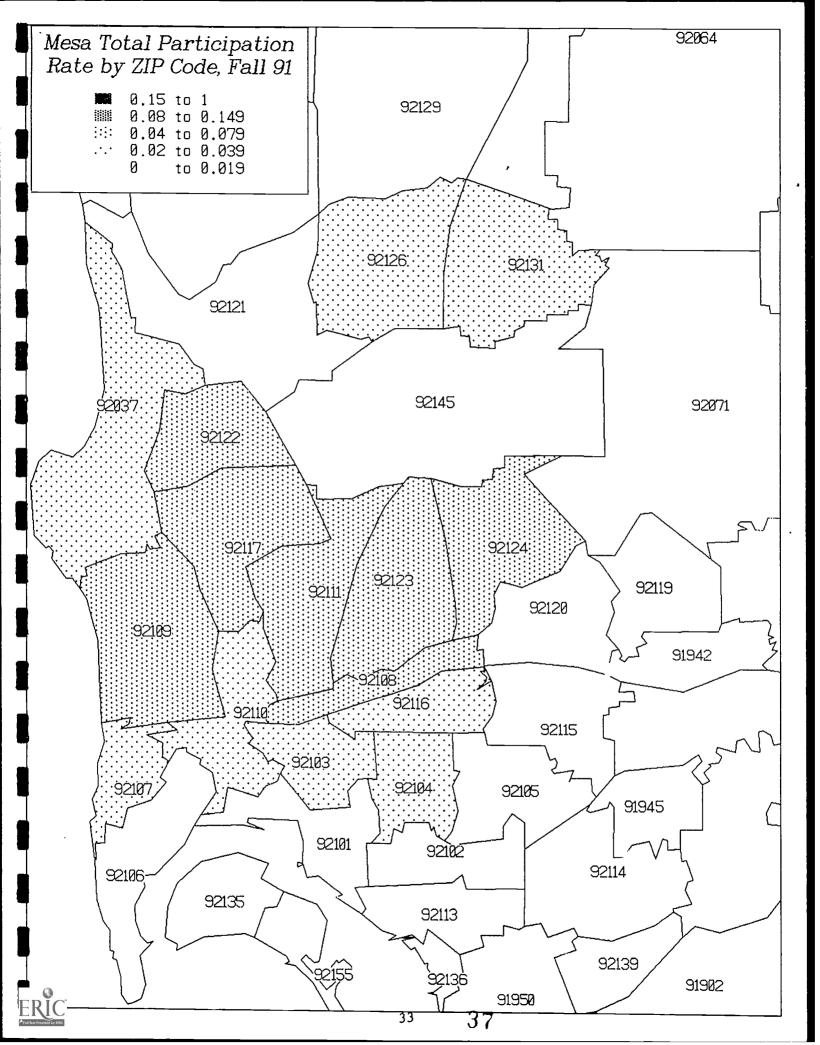


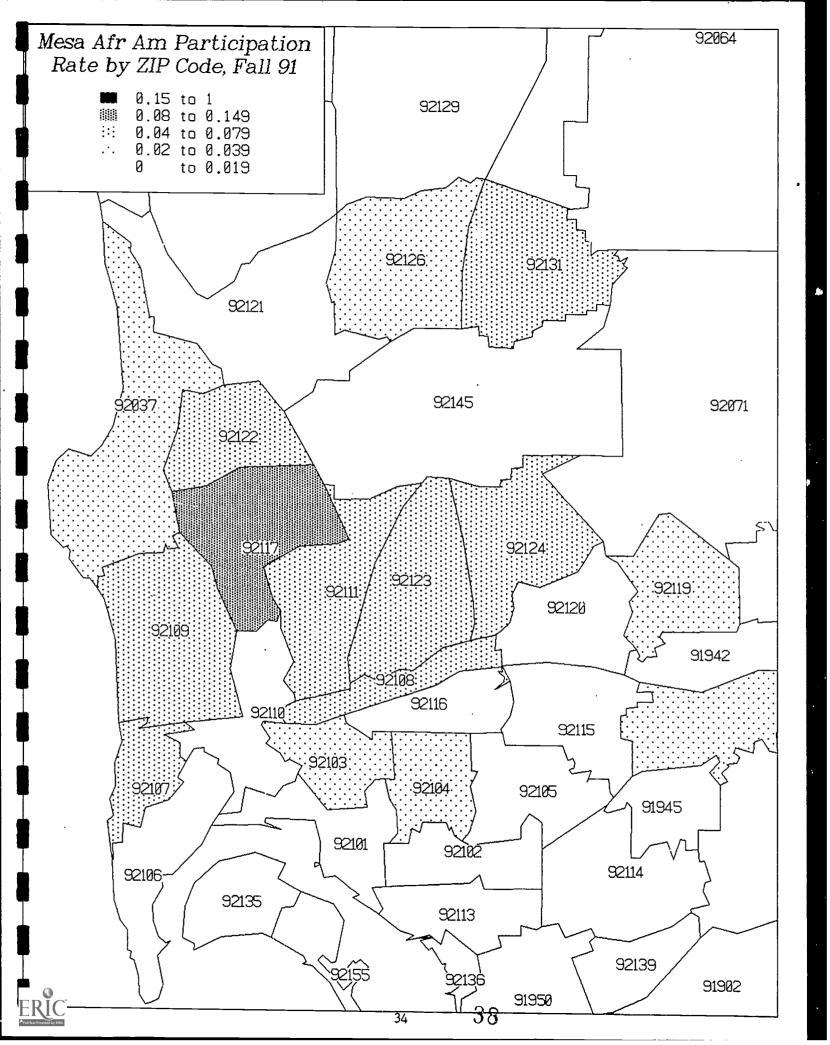
ZIP CODE	AFRICAN AMERICAN	LATINO	ASIAN/ PACIFIC ISL.	TOTAL PARTICIPATION
. 91902	0.98%	1.18%	1.24%	0.84%
91941	2.03%	0.91%	2.46%	0.82%
91945	0.73%	0.59%	1.14%	0.55%
91950	0.21%	0.28%	0.36%	0.28%
91977	1.43%	0.54%	1.43%	0.79%
92020	0.85%	0.42%	1.01%	0.33%
92037	2.02%	3.28%	3.07%	2.73%
92071	0.23%	0.33%	0.91%	0.38%
92102	1.39%	0.39%	1.19%	0.87%
92103	2.20%	2.91%	6.07%	2.71%
92104	2.04%	1.68%	3.19%	2.08%
92105	0.85%	0.78%	3.75%	1.43%
92106	0.17%	0.71%	1.51%	1.45%
92107	4.28%	4.15%	8.19%	3.87%
92108	7.29%	7.50%	9.54%	7.05%
92109	7.25%	5.00%	11.42%	5.61%
92110	0.87%	3.34%	5.31%	2.98%
92111	7.28%	5.20%	9.43%	6.07%
92113	0.52%	0.32%	0.80%	0.40%
92114	1.22%	0.51%	1.71%	1.13%
92115	1.22%	1.36%	2,61%	1.77%
92116	1.78%	1.68%	3.43%	2.27%
92117	8.45%	5.24%	10.66%	5.39%
92119	2.22%	1.40%	4.04%	1.14%
92120	1.28%	2.77%	4.71%	1.94%
92122	5.41%	5.23%	6.77%	5.01%
92123	5.16%	7.09%	9.67%	5.29%
92124	4.63%	4.65%	6.44%	4.21%
92126	2.62%	3.00%	4.72%	3.25%
92131	5.00%	3.10%	3.99%	3.28%
92139	0.77%	0.71%	1.18%	0.82%

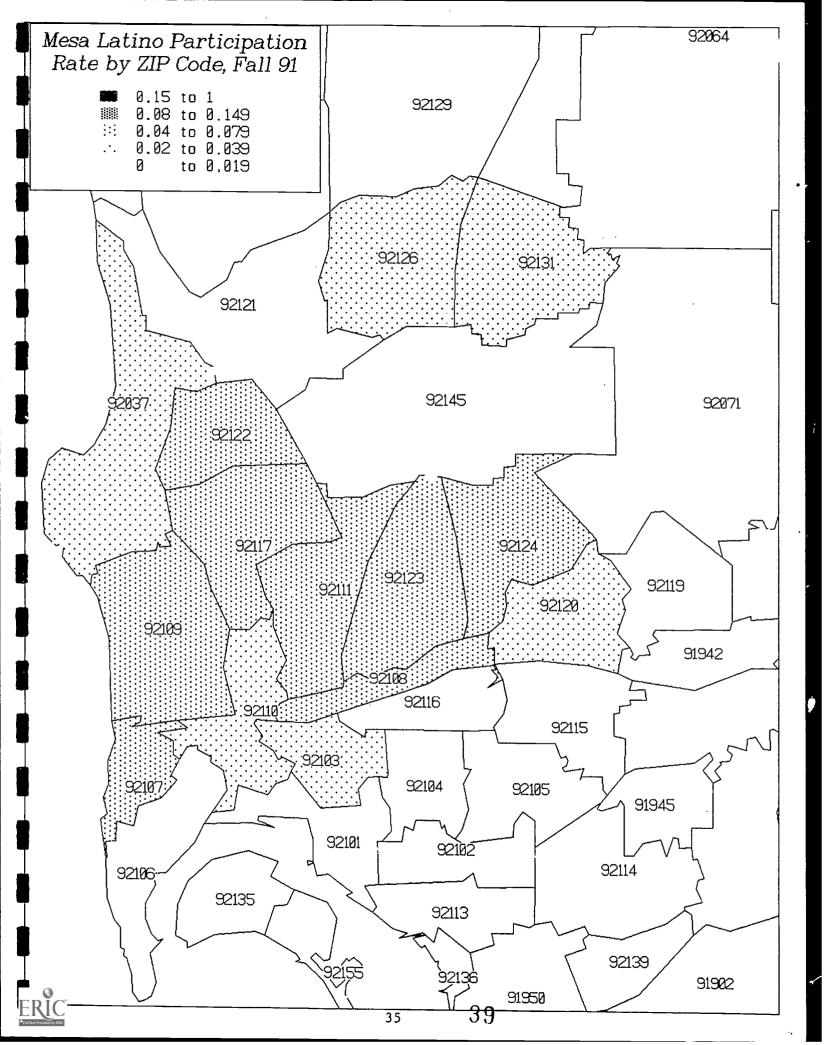
Consistent with Federal Census terminology, the Asian/Pacific Islander classification includes persons who identified themselves as being from one of the following racial categories: Chinese, Filipino, Hawaiian, Korean, Vietnamese, Japanese, Asian Indian, Samoan, Guamanian, or Other Asian/Pacific Islander.

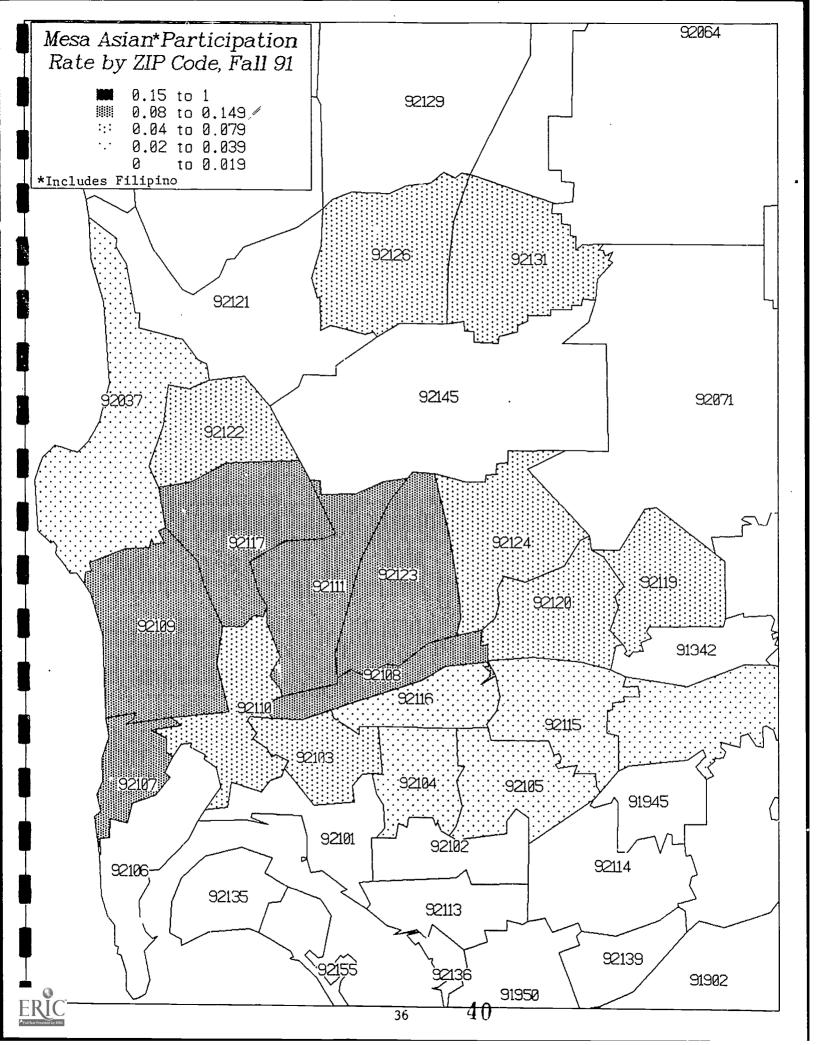
Table 5: Mesa College Participation Rates by ZIP Code, Fall 1991











## MIRAMAR COLLEGE

The Miramar College service area consists of the portion of the District north of Highway 52 and east of Interstate 5, to the north and east boundaries of the District (map, page 38). Less that 35% of Miramar students live within the service area, although most students live in the north part of the city or in other North County cities. Total college enrollment by race/ethnicity is as follows:

MIRAMAR COLLEGE	Enrollment	Percent of Total
American Indian	123	1.5%
Asian	477	6.0%
Southeast Asian	120	1.5%
African American	381	4.8%
White	5092	63.6%
Latino	748	9.3%
Filipino	701	8.8%
Pacific Islander	30	0.4%
Other	127	1.6%
No Response	202	2.5%

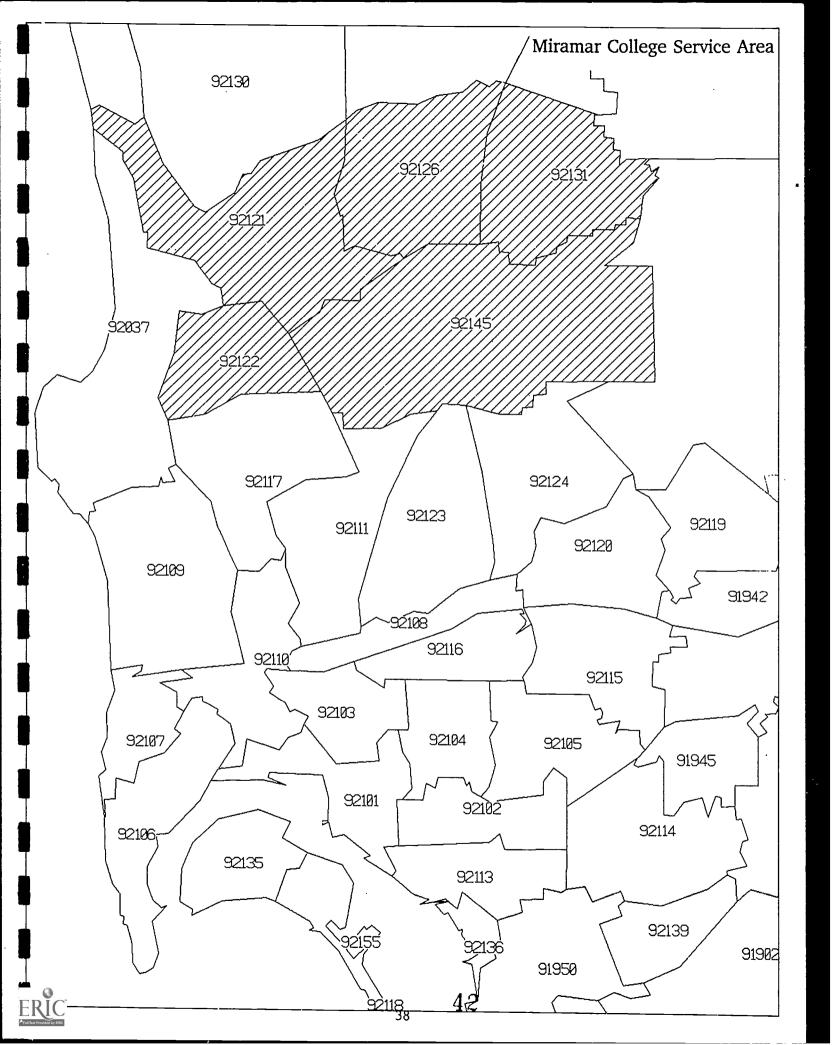
Enrollment from within the college service area is as follows:

MIRAMAR COLLEGE	African American	Latino	Asian/PI/ Filipino	Total
Adult Population of Service Area	2,800 3.3%	6,062 7.2%	14,805 17.5%	84,496
Enrollment From Service Area	110 4.0%	218 8.0%	308 11.2%	2,743
Participation Rate From Service Area	3.93%	3.6%	4.4%	3.25%

54% of Miramar College students live within the SDCCD boundaries.



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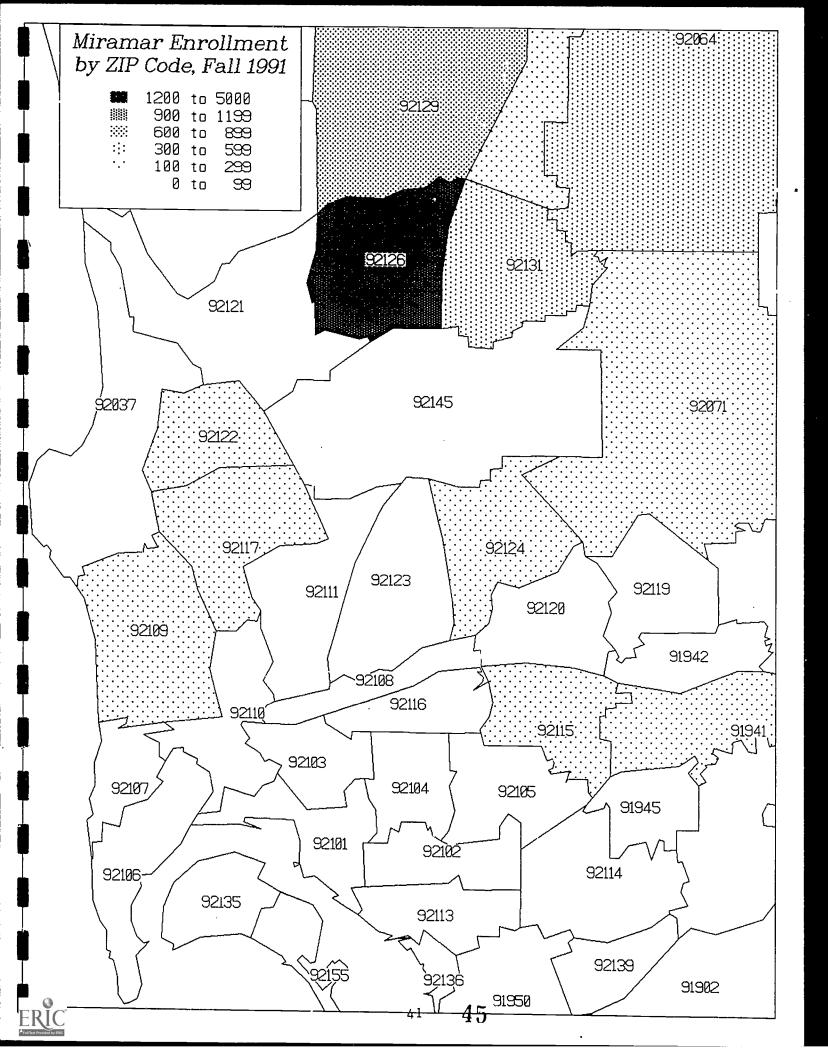
ZIP CODE	TOTAL ENROLLED	AFRICAN AMERICAN	LATINO	ASIAN	FILIPINO
91901	21		2		
91902	14		4	3	1
91910	53	2	6	J	î
91911	55	2 <sub>.</sub> 3	16	4	-
91912	7	2	2	-	
91913	15	1	- 5	1	
91932	21		7		1
91935	12		1		-
91941	103	4	8	4	1
91942	45	3	5		
91944	7		1		
91945	35	2	9	3	
91950	28	4	10		5
91977	81	10	11	2	
91978	18	2	4		1 1
92009	23		1	1	
92014	26	1	2		
92019	87	2	6	1	2
92020	67	2	6	1	
92021	75	1	6	2	1
92025	60	3	6	1	4
92026	40	1	1	1	2
92027	47	2	3	2	1
92029	25		1	ī	1
92037	69	1	8	4	2
92040	84		12	2	
92064	391	9	27	14	26
92065	97		12	1	3
92067 92069	3	_	_		
92009	38	1	1	1	2
92101	132 52	3	8	<b>1</b>	3 2
92101	29	5	8	2	2
92103	41	8	3	3	
92104	70	1.0	4		2
92105	62	10	8	4	_
92106	38	13	14	4	1
92107	74	3	5 6		
92108	41	3	6	•	1 2
92109	128	1	13	3 2	2
92110	56	2	4		
92111	99	5	10	1 8	_
92112	8	5 1	1	8	6
92113	11	5	6		1
92114	69	30	6	6	10
92115	105	10	14	4	10
92116	71	9	7	3	2
92117	157	4	18	3 4	1 5
92118	19	-		-	ວ
92119	41	2	2	2	1
92120	52	4	3	1	T
92121	22	1	2 2 3 3	2	
			_	_	

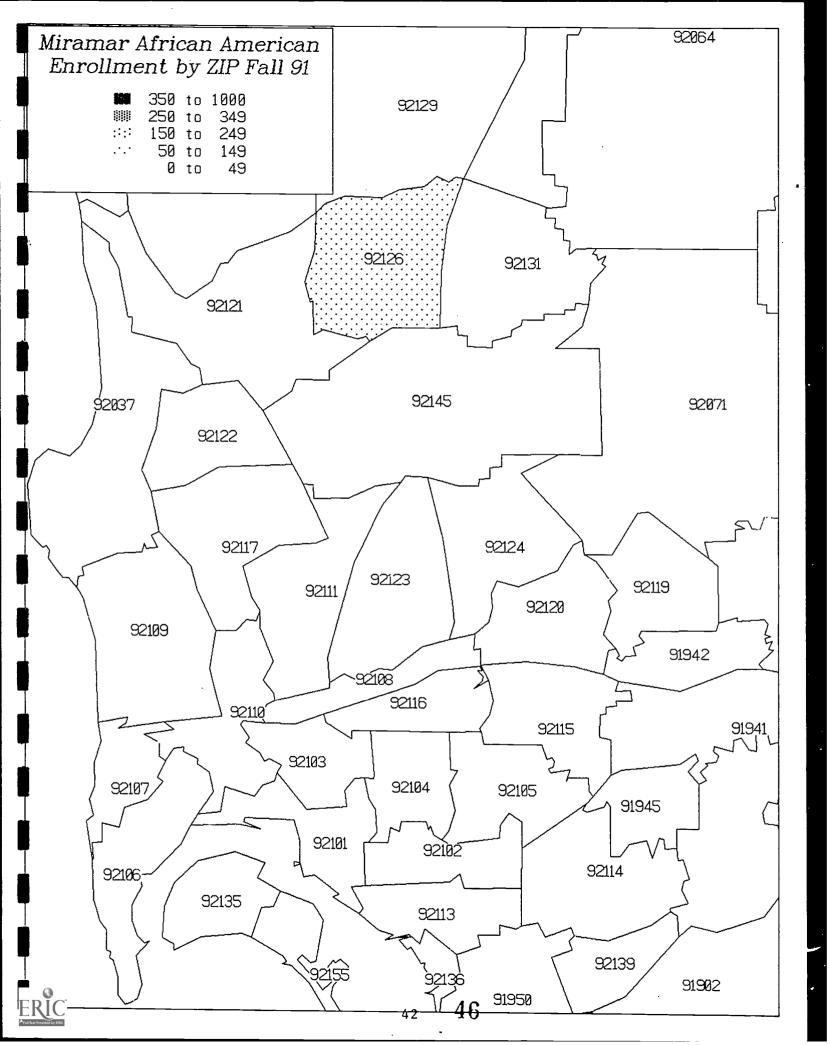
Table 6: Miramar College Enrollment by ZIP Code, Fall 1991

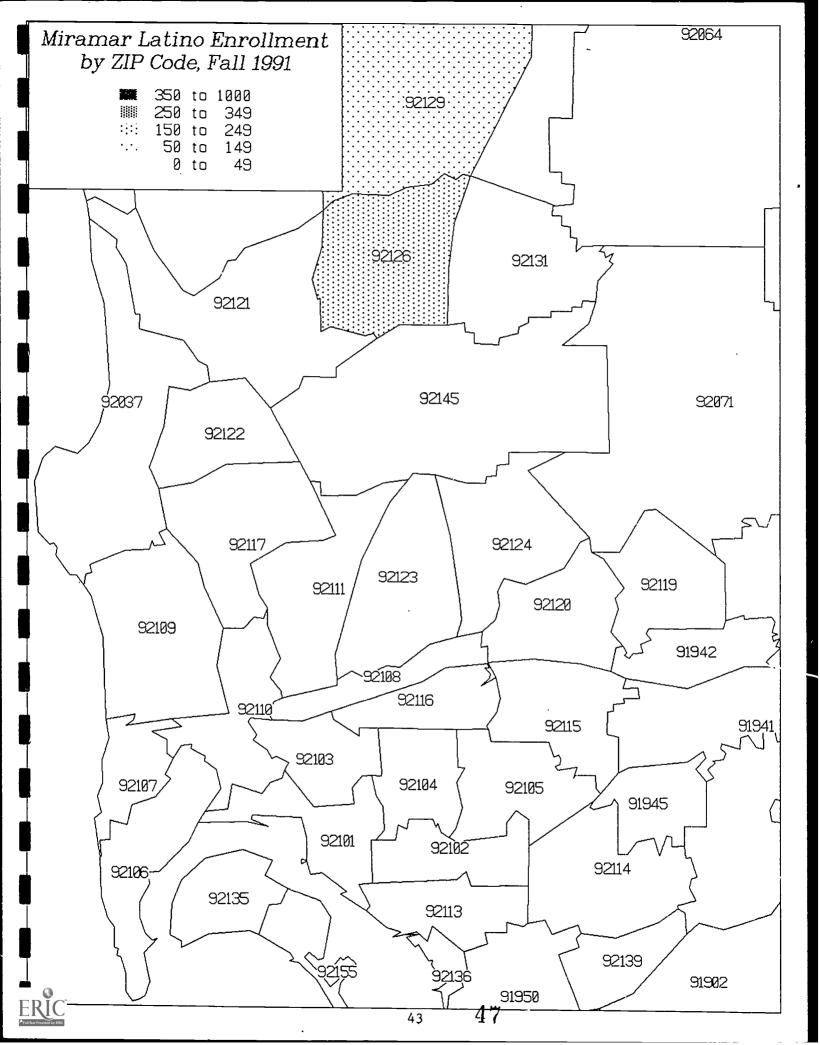


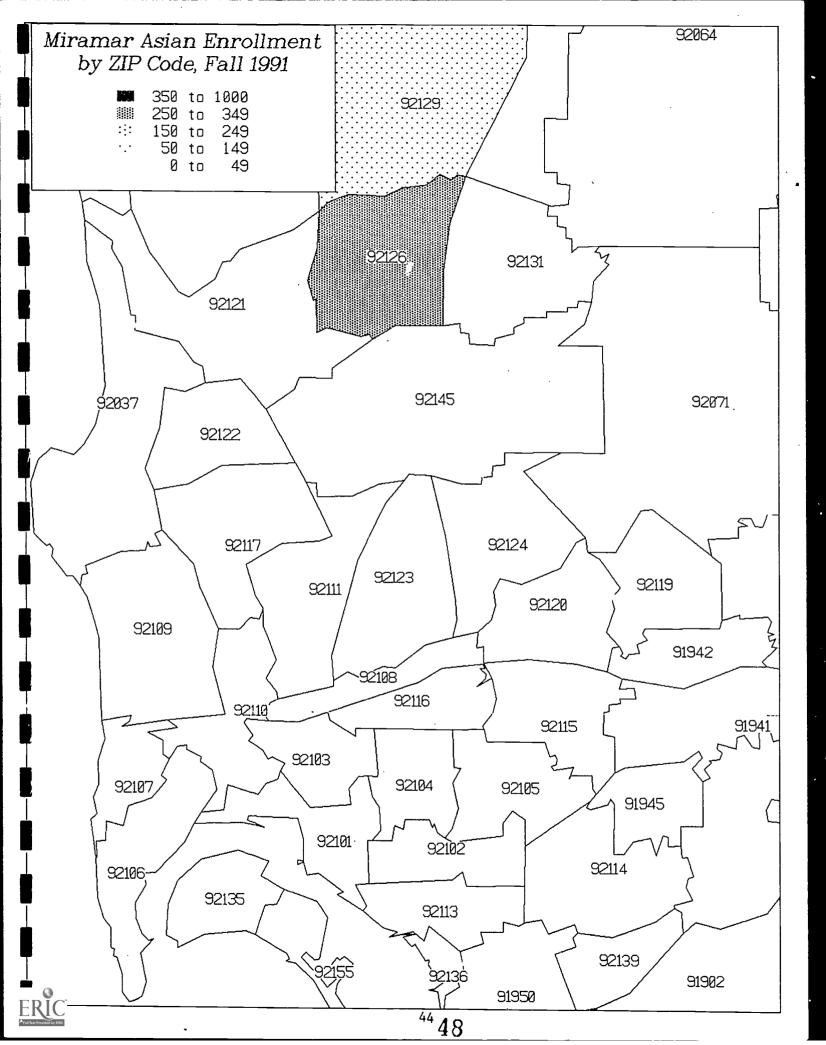
39 43

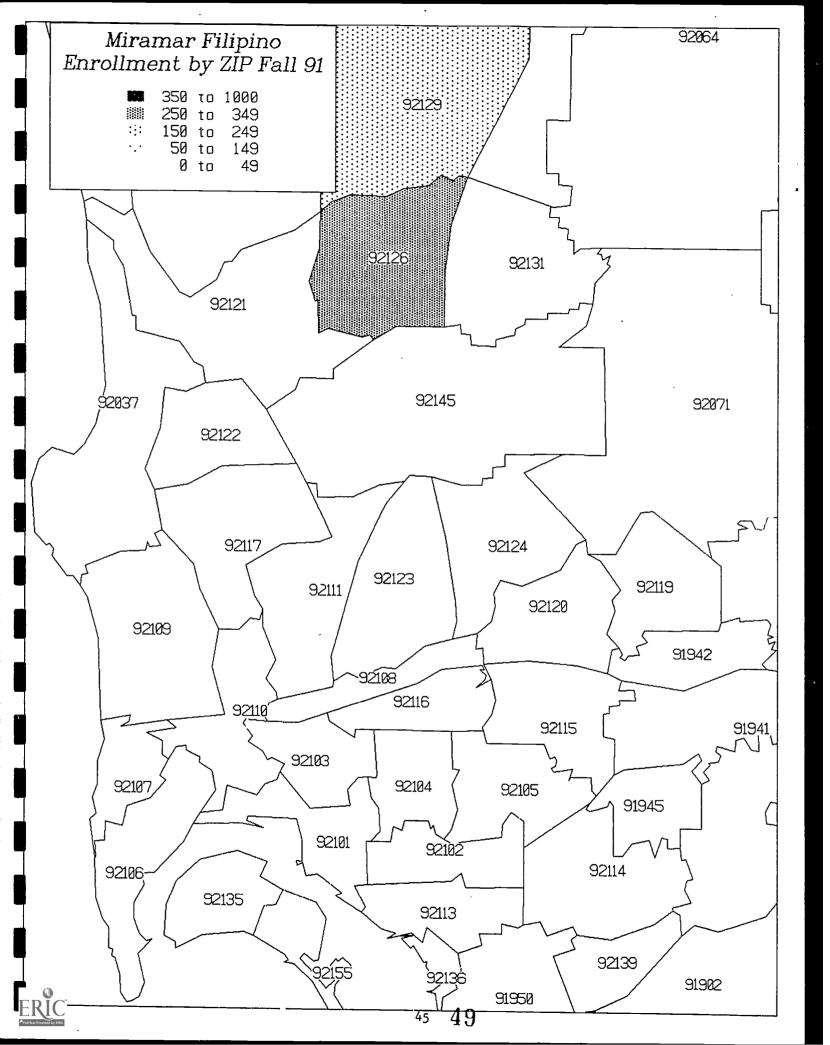
ZIP CODE	TOTAL ENROLLED	AFRICAN AMERICAN	LATINO	ASIAN	FILIPINO
======		========	=======	========	:=======
92122	193	4	10	20	3
92123	80	3	4	5	3
92124	141	9	9	4	15
92126	2086	79	164	266	321
92127	123	6	12	13	12
92128	218	6	19	21	19
92129	748	24	56	107	156
92130	36		1	8	130
92131	411	14	35	21	16
92138	10	2	2		1
92139	34	7	7		5
92145	53	13	9	1	4
92154	39	3	10	ī	3











ZIP CODE	AFRICAN AMERICAN	LATINO	ASIAN/ PACIFIC ISL.	TOTAL PARTICIPATION
91941	0.58%	0.32%	0.72%	0.38%
91977	0.68%	0.35%	0.24%	0.40%
92037	0.29%	0.36%	0.27%	0.21%
92071	0.70%	0.19%	0.36%	0.32%
92101	0.23%	0.18%	0.68%	0.29%
92105	0.16%	0.13%	0.09%	0.15%
92108	1.21%	1.18%	1.77%	0.67%
92111	0.31%	0.21%	0.27%	0.28%
92114	0.23%	0.07%	0.16%	0.17%
92115	0.21%	0.20%	0.13%	0.21%
92116	0.37%	0.16%	0.28%	0.23%
92117	0.75%	0.43%	0.35%	0.39%
92119	0.63%	0.19%	0.48%	0.24%
92122	1.14%	0.72%	1.04%	0.82%
92123	0.30%	0.25%	0.48%	0.44%
92124	0.80%	0.62%	1.01%	0.70%
92126	4.59%	4.64%	5.31%	4.93%
92129	3.30%	2.38%	4.34%	2.60%
92131	8.75%	7.23%	5.10%	4.24%
92145	2.62%	2.25%	1.13%	0.99%

Consistent with Federal Census terminology, the Asian/Pacific Islander classification includes persons who identified themselves as being from one of the following racial categories: Chinese, Filipino, Hawaiian, Korean, Vietnamese, Japanese, Asian Indian, Samoan, Guamanian, or Other Asian/Pacific Islander.

Table 7: Miramar College Participation Rates by ZIP Code, Fall 1991



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